
Subject: Re: Contour Problem

Posted by [David Fanning](#) on Mon, 25 Jul 2011 18:13:03 GMT

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Alexa writes:

```
> I think this is probably a pretty easy problem but I could get help
> that'd be great.
>
> I'm making a contour plot and I want to change the values of the
> axes so I'm doing
>
> x=[-6, 0]
> y=[-3, 1]
>
> Contour, x, y, z
>
> But I get an error that says that x and y need to be 2D arrays, but
> aren't those already 2D arrays? Do I have the syntax wrong?
```

Well, usually the syntax of the Contour plot is like this:

```
Contour, z, x, y
```

Maybe you want something like this:

```
s = Size(z, /Dimensions)
x = Scale_Vector(Findgen(s[0]), -6, 0)
y = Scale_Vector(Findgen(s[1]), -3, 1)
Contour, z, x, y
```

You can find `Scale_Vector` here:

```
http://www.idlcoyote.com/programs/scale\_vector.pro
```

You might need other routines from the Coyote Library, too.
It is best to download the whole thing.

```
http://www.idlcoyote.com/code\_tips/installcoyote.php
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
